

**ABSTRACT**

The invention relates to an arrangement for the production of a three-dimensional product, which arrangement comprises a work bench on which  
5 the said three-dimensional product is to be constructed, a powder dispenser which is arranged to apply a thin layer of powder onto the work bench to create a powder bed, an irradiation gun for transmitting energy to the powder so that melting of the powder takes place, the arrangement comprising a casing within which the pressure is reduced in relation to the atmospheric  
10 pressure and within which the work bench and the irradiation gun are located, with the powder dispenser, or a supply pipe connected to the powder dispenser, being arranged partially outside the casing.

(Figure 1)